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MATERIAL SAFETY DATA SHEET

United States Gypsum Company
125 South Franklin Street
Chicago, Illinois 60606-4678

Date Issued: November 16, 1995
Product Safety: (800) 507-8899

SECTION I

PRODUCT: SHEETROCK® Patching Compound, Easy Sand™ 5

CHEMICAL FAMILY: Mixture of Calcium Sulfate Hemihydrate
(Plaster of Paris, $\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$)

SECTION II INGREDIENTS

MATERIALS:	Wt%	TLV mg/m ³	PEL mg/m ³	CAS NUMBER
Plaster of Paris	>60	10	15(T)/5(R)	26499-65-0
Limestone	>10	10	15(T)/5(R)	1317-65-3
or Dolomite		10	15(T)/5(R)	16389-88-1
Expanded perlite	<10	10	15(T)/5(R)	93763-70-3
Mica	<10	3(R)	3(R)	12001-26-2
Vinyl alcohol polymer	<5	(NE)	(NE)	9002-89-5
Attapulgate	<5	(NE)	(NE)	12174-11-7
Silica-Crystalline, Respirable	Tr	0.1(R)	0.1(R)	14808-60-7

(T) - Total (R) - Respirable (NE) - Not Established Tr - Trace

SECTION III PHYSICAL DATA

APPEARANCE AND ODOR: Off white to gray powder; low odor.
MELTING POINT: 1450°C - decomposes
SOLUBILITY IN WATER: 0.2%
SPECIFIC GRAVITY (H₂O = 1): 2.3 - 2.6
COATING VOC: 0 g/l
MATERIAL VOC: 0 g/l
pH: 7.5 - 8.5
HARDENING TIME: Varies. Check usage and/or product specification data for each product.



SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): Noncombustible
SPECIAL FIRE FIGHTING PROCEDURES: None
UNUSUAL FIRE AND EXPLOSION HAZARDS: None
SPECIAL FIRE FIGHTING PROTECTIVE EQUIPMENT: None
EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

SECTION V HEALTH HAZARD DATA

Dust generated from this product would be considered a nuisance dust. This product can release nuisance dust if sanding, in handling or during use. Eye, nose, throat, and upper respiratory irritation may occur with prolonged exposure to high concentrations.

EFFECTS OF OVEREXPOSURE:

ACUTE:

EYES: Direct contact can cause mechanical irritation of eyes. If burning, redness, itching, pain or other symptoms persist or develop, consult physician.

SKIN: When mixed with water, this material hardens and then slowly becomes hot. **DO NOT** attempt to make a cast enclosing any part of the body using this material. Failure to follow these instructions may cause severe burns that may require surgical removal of affected tissue. Direct, prolonged or repeated contact with the skin may cause irritation. Rubbing of this product against the skin can result in abrasions. Rinse with water until free of material to avoid abrasions, then wash skin thoroughly with mild soap and water. May dry skin. If irritation persists, consult physician.

INHALATION: Inhalation of dusts from this product may irritate the nose, throat, lungs, and upper respiratory tract. Persons subjected to large amounts of this dust will be forced to leave area because of nuisance conditions such as coughing, sneezing and nasal irritation from dust. Labored breathing may occur after excessive inhalation. If respiratory symptoms persist, consult physician.

INGESTION: Unlikely to occur, but may cause gastric disturbances if swallowed. Plaster of Paris is nontoxic, however, ingestion of a sufficient quantity could lead to mechanical obstruction of the gut, especially the pyloric region. See Emergency and First Aid - Ingestion below.

CHRONIC: This material displays no specific toxic properties.

EYES: None known.

SKIN: None known.

INHALATION: Chronic overexposure to large amounts of respirable crystalline silica may result in lung disease (i.e., silicosis) and/or lung cancer. Long-term breathing of large amounts of respirable mica may cause lung disease.

INGESTION: No known effects.



SECTION V
HEALTH HAZARD DATA
(Continued)

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Immediately flush thoroughly with water for 15 minutes. If irritation persists, see physician.

SKIN: Wash with mild soap and water. A commercially available hand lotion may be used to treat dry skin areas. If skin has become cracked, take appropriate action to prevent infection and promote healing.

INHALATION: Remove to fresh air. Leave the area of dust exposure and remain away until coughing and other symptoms subside. Other measures are usually not necessary, however if conditions warrant, contact physician.

INGESTION: No harmful effects expected. No specific recommendation. If gastric disturbance occurs, call physician. This product contains gypsum plaster. Plaster of Paris hardens when wetted and, if ingested, may result in obstruction of the gut, especially the pyloric region.

TARGET ORGANS: Eyes, skin, lungs, and respiratory system.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED: Pre-existing upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema and asthma.

ROUTES OF EXPOSURE: Inhalation, Eye and/or Skin contact.

CARCINOGENICITY OF INGREDIENTS:

MATERIAL	IARC	NTP	OSHA
Respirable Crystalline Silica	2A	Anticipated	Not Listed

The average concentration of respirable crystalline silica measured in USG Plaster of Paris was less than 0.1 wt. %. However, the quantity of respirable crystalline silica in this product has not been determined. Respirable crystalline silica is classified by IARC as a (2A) probable human carcinogen. Long-term breathing of large amounts of silica may cause lung disease (i.e., silicosis) and/or possibly lung cancer.

SECTION VI
REACTIVITY DATA

STABILITY:

Stable

INCOMPATIBILITY:

Acids

HAZARDOUS DECOMPOSITION PRODUCTS:

Above 1450°C - CaO and SO₂

HAZARDOUS POLYMERIZATION:

Will not occur.



SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Sweep up material from spillage into a waste container for disposal, avoid creating excessive dust. If washed down, may plug drains. If already mixed with water, scrape up and place in container. Avoid dusting conditions, minimize airborne dust. Wear appropriate protective equipment.

WASTE DISPOSAL METHOD: Dispose of material in accordance with Federal, State, and Local regulations. Slurry may plug drains.

SECTION VIII SPECIAL PROTECTION INFORMATION

No TLV assigned to this mixture, see Ingredients Section. Minimize exposures in accordance with good hygiene practice.

RESPIRATORY PROTECTION: Not typically necessary under normal conditions of use. Provide general ventilation and local exhaust ventilation to meet TLV requirements of individual ingredients and to control dusting conditions. Avoid creating dust. Wear a NIOSH/MSHA- approved respirator in poorly ventilated areas and/or if TLV is exceeded.

VENTILATION: Ventilate to keep exposures below TLV. General ventilation is expected to be satisfactory. Use local exhaust ventilation if necessary to control dust.

PROTECTIVE EQUIPMENT: Gloves or protective clothing are usually not necessary but may be desirable in specific work situations. Wear gloves and protective clothing to prevent repeated or prolonged skin contact. Wear eye protection (safety glasses or goggles) to avoid particulate irritation of the eye.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Minimize exposures in accordance with good hygiene practice. During handling wear the appropriate respiratory, eye and skin protection if warranted per environmental conditions. Keep dry. Dew point conditions or other conditions causing presence of liquid will harden this material during storage.

When finishing joints using this product, wet-sanding is recommended. See "Finishing and Decorating Gypsum Panels - Wet Sanding, J-610/12-87".

ΔWARNING

When mixed with water, this material hardens and then slowly becomes hot. **DO NOT** attempt to make a cast enclosing any part of the body using this material. Failure to follow these instructions may cause severe burns that may require surgical removal of affected tissue. Dust hazard. Dust can cause eye, skin, nose, throat or respiratory irritation. Avoid eye contact or inhalation of dust. Wear eye protection. If eye contact occurs, flush thoroughly with water. Avoid creating dust by wet sanding. If dry sanding, wear a NIOSH/MSHA-approved respirator. Long-term breathing of large amounts of respirable mica may cause lung disease. Do not ingest. If there is any discomfort, consult physician. Product safety information: (800) 507-8899.

KEEP OUT OF REACH OF CHILDREN.